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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	4	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	5	MAY 11	KOREAPAT updates resume
NEWS	6	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	7	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	8	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	9	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	10	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS	11	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS	12	JUL 11	CHEMSAFE reloaded and enhanced
NEWS	13	JUL 14	FSTA enhanced with Japanese patents
NEWS	14	JUL 19	Coverage of Research Disclosure reinstated in DWPI
NEWS	15	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	16	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	17	AUG 30	CA(SM)/CAPLUS(SM) Austrian patent law changes
NEWS	18	SEP 11	CA/CAPLUS enhanced with more pre-1907 records
NEWS	19	SEP 21	CA/CAPLUS fields enhanced with simultaneous left and right truncation
NEWS	20	SEP 25	CA(SM)/CAPLUS(SM) display of CA Lexicon enhanced
NEWS	21	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS	22	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS	23	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS EXPRESS	JUNE 30	CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		
NEWS X25	X.25 communication option no longer available		

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=>

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE COVERS 1907 - 4 Oct 2006 VOL 145 ISS 15

FILE LAST UPDATED: 2 Oct 2006 (20061002/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> ascorbic

L1 82577 ASCORBIC

=> inhibit?

L2 1867084 INHIBIT?

=> 11(1)12

L3 9397 L1(L)L2

=> acryl?

L4 465366 ACRYL?

=> 13(1)14

L5 28 L3(L)L4

=> d 15 18-28 ti

L5 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Cis-trans isomerization of the (5-nitro-2-furyl)acrylamide, AF-2, initiated by ascorbate, glutathione, iron(II) and hydroxide

L5 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Acrylate copolymer dispersions

L5 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Vinyl polymerization of ethyl acrylate initiated by thallium(3+)-ascorbic acid redox system

L5 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI The separation of RNA in bracken. The occurrence of copper(2+) catalyzed L-ascorbic acid oxidation inhibitory substance in bracken

L5 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Adhesive compositions

L5 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Odor sensing cell ultrastructure by electron microscopy

L5 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Relation between L-ascorbic acid and o-diphenol oxidase activity in the radish (Raphanus Sativus)

L5 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Basic study on novel photopolymerization systems initiated by charge transfer reactions

L5 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Chemical regulation of the inhibitor activity by radical-chain polymerization of monomers and oligomers

L5 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of polymers based on acrylic compounds

L5 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Depolymerization of hyaluronic acid by the oxidative-reductive depolymerization (ORD) reaction

=> d 15 26 ti fbib abs

L5 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Chemical regulation of the inhibitor activity by radical-chain polymerization of monomers and oligomers

AN 1966:490956 CAPLUS
DN 65:90956
OREF 65:17051e-f

TI Chemical regulation of the inhibitor activity by radical-chain polymerization of monomers and oligomers

AU Korolev, G. V.; Kondrat'eva, A. G.; Berlin, A. A.
SO Plasticheskie Massy (1966), (7), 8-9
CODEN: PLMSAI; ISSN: 0554-2901

DT Journal
LA Russian

AB The effects of ascorbic acid (I) and iodine on the activity of hydroquinone (II) and benzoquinone (III) inhibitors on polymerization of Me methacrylate and poly(ester acrylates) were studied in the presence of dicyclohexyl peroxydicarbonate initiator. I decreased the activity of II and III in the polymerization and its effect was equivalent to removal of inhibitors from the polymerization mixture Iodine increased the inhibitor activity of these quinone-type inhibitors. The synergism of the iodine addition is explained by the formation of iodine-II and iodine-III complexes, which had a higher inhibitor activity than II or III, resp.

=> d 15 1-17 ti

L5 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of Bilayer-Coated Nanogels by Selective Cross-Linking of Monomers inside Liposomes

L5 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of swellable water-absorbent acrylic acid copolymer compositions noncorrosive to copper
 L5 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Skin-lightening patches containing ascorbic acids and acrylic adhesives
 L5 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Water-absorbent polymer particles inhibiting the breakdown of body fluids, their composites and their use
 L5 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Manufacture of metal salts of radical polymerizable compounds with low water content
 L5 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Polishing compositions for memory hard disks and production method of memory hard disks
 L5 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Carboxylic acids and polyhydroxy alkyl compounds as skin whitening agents
 L5 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Water-soluble polymers and manufacture and uses of polymers
 L5 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Cosmetic powders liquefying on application
 L5 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Production of highly concentrated adhesive dispersions and their use
 L5 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Manufacture of water-absorbing resins by radical polymerization in the presence of thiols as self-crosslinking inhibitors
 L5 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Location, antioxidant and recycling dynamics of α -tocopherol in liposome membranes
 L5 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Resin emulsion corrosion preventers and anticorrosive coating compositions using the same
 L5 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Influence of thiamin and ascorbic acid supplementation on the antidotal efficacy of thiol chelators in experimental lead intoxication
 L5 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Rust converting and removing compositions
 L5 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Influence of ascorbic acid on the mutagenicity of N-methyl-N-nitrosoguanidine and nitrofurans studied by SOS chromotest
 L5 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Vinyl polymerization of ethyl acrylate initiated by thallium(3+)-ascorbic acid redox system.

=> d 15 8 ti fbib abs

L5 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Water-soluble polymers and manufacture and uses of polymers
 AN 2002:148763 CAPLUS

DN 136:202186
 TI Water-soluble polymers and manufacture and uses of polymers
 IN Saeki, Takuya; Nakamura, Junichi; Fujii, Yoshikazu; Takagi, Masato;
 Yamaguchi, Shigeru
 PA Nippon Shokubai Kagaku Kogyo Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 25 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 2

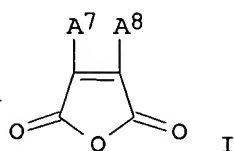
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002060433	A2	20020226	JP 2000-253003	20000823
	US 2002049147	A1	20020425	US 2001-930274	20010816
	US 6756460	B2	20040629		
				JP 2000-250963	A 20000822
				JP 2000-253003	A 20000823
	EP 1182217	A2	20020227	EP 2001-120081	20010821
	EP 1182217	A3	20040303		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				JP 2000-250963	A 20000822
				JP 2000-253003	A 20000823

PATENT FAMILY INFORMATION:

FAN 2002:148898

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002060785	A2	20020226	JP 2000-250963	20000822
	US 2002049147	A1	20020425	US 2001-930274	20010816
	US 6756460	B2	20040629		
				JP 2000-250963	A 20000822
				JP 2000-253003	A 20000823
	EP 1182217	A2	20020227	EP 2001-120081	20010821
	EP 1182217	A3	20040303		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				JP 2000-250963	A 20000822
				JP 2000-253003	A 20000823

GI



AB The polymers are prepared from unsatd. monocarboxylic acid A1A2C:C(A3)CO2X (A1-A3 = H, Me; X1 = H, mono- or divalent metal, ammonium, organic amine), unsatd. dicarboxylic acid A4A5C:C(A6)CO2X2 (1 of A4-A6 is CO2X3 or CH2CO2X4; A4, A5 = H, Me, CO2X3; A6 = H, Me, CH2CO2X4; X2-X4 = H, mono- or divalent metal, ammonium, organic amine) and/or unsatd. dicarboxylic anhydride I (A7, A8 = H, Me), and unsatd. alc. R1R4C:C(R2)R3O(YO)nH [R1, R2, R4 = H or Me with the proviso that R1 (or R4) and R2 are not Me simultaneously; R3 = CH2, (CH2)2, CMe2; total C of R1-R4 = 3; Y = C2-18 alkylene; n = 1-300] and contain ≤8% residual dicarboxylic acid monomers and ≤45% residual alc. monomers. The polymers show good dispersibility of clay. The polymers are useful for detergent builders, laundry detergents, pigment dispersing agents, and scale inhibitors. Thus, maleic anhydride (II) 9.6, polyethylene glycol 3-methyl-2-buten-1-ol monoether (III) 10, and acrylic acid (IV)

10 g were polymerized in the presence of H2O2 and L-ascorbic acid in water at 60° for 1 h to give a polymer containing residual II 4.53%, III 2.39, and IV 0.12%.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	32.40	32.61
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

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	ENTRY	SESSION
FULL ESTIMATED COST	32.40	32.61
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

=> d his

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FILE 'CAPLUS' ENTERED AT 06:40:39 ON 04 OCT 2006

L1 82577 ASCORBIC
L2 1867084 INHIBIT?
L3 9397 L1(L)L2
L4 465366 ACRYL?
L5 28 L3(L)L4

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	33.32	33.53
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

SESSION WILL BE HELD FOR 60 MINUTES
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FULL ESTIMATED COST	33.32	33.53
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

=> 49011820
L6 0 49011820

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	38.95	39.16
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

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DICTIONARY FILE UPDATES: 2 OCT 2006 HIGHEST RN 909344-31-6

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<http://www.cas.org/ONLINE/UG/regprops.html>

=> e ascorbic acid/cn

E1	1	ASCORBATE-TRANSPORTING PROTEIN SVCT2 (RATTUS RATTUS)/CN
E2	1	ASCORBATE: TMPD OXIDASE/CN

E3	2 -->	ASCORBIC ACID/CN
E4	1	ASCORBIC ACID 2,5,6-TRISULFATE POTASSIUM SALT/CN
E5	1	ASCORBIC ACID 2,5,6-TRISULFATE SODIUM SALT/CN
E6	1	ASCORBIC ACID 2-PHOSPHATE/CN
E7	1	ASCORBIC ACID 2-PHOSPHATE MAGNESIUM SALT/CN
E8	1	ASCORBIC ACID 2-PYROPHOSPHATE/CN
E9	1	ASCORBIC ACID 2-PYROPHOSPHATE SODIUM SALT/CN
E10	1	ASCORBIC ACID 2-SULFATE/CN
E11	1	ASCORBIC ACID 2-SULFATE DEHYDROGENASE/CN
E12	1	ASCORBIC ACID 2-SULFATE DIPOTASSIUM SALT/CN

=> e3

L7 2 "ASCORBIC ACID"/CN

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.20	44.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

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 FILE LAST UPDATED: 2 Oct 2006 (20061002/ED)

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=> 17

L8 80465 L7

=> d his

(FILE 'HOME' ENTERED AT 06:40:25 ON 04 OCT 2006)

FILE 'CAPLUS' ENTERED AT 06:40:39 ON 04 OCT 2006

L1	82577	ASCORBIC
L2	1867084	INHIBIT?
L3	9397	L1(L)L2
L4	465366	ACRYL?
L5	28	L3(L)L4
L6	0	49011820

FILE 'REGISTRY' ENTERED AT 07:05:11 ON 04 OCT 2006

E ASCORBIC ACID/CN
L7 2 E3

FILE 'CAPLUS' ENTERED AT 07:05:37 ON 04 OCT 2006
L8 80465 L7

=> 12(1)18

L9 3227 L2(L)L8

=> 19(1)14

L10 9 L9(L)L4

=> d 110 1-9 ti

L10 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of swellable water-absorbent acrylic acid copolymer compositions noncorrosive to copper

L10 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Resin emulsion corrosion preventers and anticorrosive coating compositions using the same

L10 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Influence of ascorbic acid on the mutagenicity of N-methyl-N-nitrosoguanidine and nitrofurans studied by SOS chromotest

L10 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Vinyl polymerization of ethyl acrylate initiated by thallium(3+)-ascorbic acid redox system.

L10 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Use of cultures of neuroblastoma and glioma as a model system to study the heavy metal-induced neurotoxicity

L10 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Vinyl polymerization of ethyl acrylate initiated by thallium(3+)-ascorbic acid redox system

L10 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Adhesive compositions

L10 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Chemical regulation of the inhibitor activity by radical-chain polymerization of monomers and oligomers

L10 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Synthesis of polymers based on acrylic compounds

=> d 110 7-9 ti fbib abs

L10 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Adhesive compositions

AN 1977:56260 CAPLUS

DN 86:56260

TI Adhesive compositions

IN Nakano, Tatsuo; Kato, Toshiyuki

PA Denki Kagaku Kogyo K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 51116834	A2	19761014	JP 1975-40995	19750404
				JP 1975-40995	A 19750404
AB	A composition containing acrylonitrile-butadiene copolymer (I) [9003-18-3] or acrylonitrile-styrene copolymer [9003-54-7] and 0.1-10 parts ascorbic acid (II) [50-81-7] was corrosion-resistant and useful as an adhesive for metals. Thus, Cu plate was coated with a composition containing I 20, Me methacrylate 40, 2-hydroxypropyl acrylate 20, dodecyl methacrylate 10, methacrylic acid 10, Me2SO 10, II 2, and cumyl hydroperoxide 5 parts. No color change occurred on storing the coated plate for 2 weeks, whereas color change occurred for a plate coated with a similar composition without II.				

L10 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Chemical regulation of the inhibitor activity by radical-chain polymerization of monomers and oligomers

AN 1966:490956 CAPLUS

DN 65:90956

OREF 65:17051e-f

TI Chemical regulation of the inhibitor activity by radical-chain polymerization of monomers and oligomers

AU Korolev, G. V.; Kondrat'eva, A. G.; Berlin, A. A.

SO Plasticheskie Massy (1966), (7), 8-9

CODEN: PLMSAI; ISSN: 0554-2901

DT Journal

LA Russian

AB The effects of ascorbic acid (I) and iodine on the activity of hydroquinone (II) and benzoquinone (III) inhibitors on polymerization of Me methacrylate and poly(ester acrylates) were studied in the presence of dicyclohexyl peroxydicarbonate initiator. I decreased the activity of II and III in the polymerization and its effect was equivalent to removal of inhibitors from the polymerization mixture Iodine increased the inhibitor activity of these quinone-type inhibitors. The synergism of the iodine addition is explained by the formation of iodine-II and iodine-III complexes, which had a higher inhibitor activity than II or III, resp.

L10 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

TI Synthesis of polymers based on acrylic compounds

AN 1966:11847 CAPLUS

DN 64:11847

OREF 64:2191a-b

TI Synthesis of polymers based on acrylic compounds

IN Korolev, G. V.; Kondrat'eva, A. G.; Berlin, A. A.

SO From: Byul. Izobret. i Tovarnykh Znakov 1965(16), 83..

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 173941		19650806	SU	19640803
AB	The method of obtaining the title compds. with polymerization initiators of the resp. monomers or oligomers containing quinone-type inhibitors is modified to increase the polymerization rate and d.p. by adding a reducing agent, e.g. ascorbic acid, to the initial reaction mixture				

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

12.57	56.93
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
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CA SUBSCRIBER PRICE

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-3.75

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.03	57.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.25	-3.75

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.03	57.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.25	-3.75

FILE 'REGISTRY' ENTERED AT 07:40:58 ON 04 OCT 2006

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=> e potassium methacrylate/cn

E1	1	POTASSIUM METAVANADATE MONOHYDRATE/CN
E2	1	POTASSIUM METAZIRCONATE/CN
E3	1 -->	POTASSIUM METHACRYLATE/CN
E4	1	POTASSIUM METHACRYLATE HOMOPOLYMER/CN
E5	1	POTASSIUM METHACRYLATE POLYMER/CN
E6	1	POTASSIUM METHACRYLATE-1-VINYL-2-PYRROLIDONE COPOLYMER/CN
E7	1	POTASSIUM METHACRYLATE-1-VINYL-2-PYRROLIDONE POLYMER/CN
E8	1	POTASSIUM METHACRYLATE-DIVINYLBENZENE COPOLYMER/CN
E9	1	POTASSIUM METHACRYLATE-ETHYLENE-COPOLYMER/CN
E10	1	POTASSIUM METHACRYLATE-METHYL METHACRYLATE COPOLYMER/CN
E11	1	POTASSIUM METHACRYLATE-POLY(ETHYLENE GLYCOL) DIMETHACRYLATE COPOLYMER/CN
E12	1	POTASSIUM METHACRYLATE-STYRENE COPOLYMER/CN

=> e3

L11 1 "POTASSIUM METHACRYLATE"/CN

=> e sodium vinylsulfonate/cn

E1	1	SODIUM VINYLSELENIDE/CN
E2	1	SODIUM VINYLSULFOACETATE-ETHYL METHACRYLATE-HYDROXYETHYL MET HACRYLATE-ETHYL ACRYLATE COPOLYMER/CN
E3	1 -->	SODIUM VINYLSULFONATE/CN
E4	1	SODIUM VINYLSULFONATE HOMOPOLYMER/CN
E5	1	SODIUM VINYLSULFONATE POLYMER/CN
E6	1	SODIUM VINYLSULFONATE-1-VINYL-2-PYRROLIDINONE COPOLYMER/CN
E7	1	SODIUM VINYLSULFONATE-5-VINYL-2-NORBORNENE COPOLYMER/CN
E8	1	SODIUM VINYLSULFONATE-ACRYLIC ACID-BUTYL ACRYLATE-STYRENE CO POLYMER/CN
E9	1	SODIUM VINYLSULFONATE-N-VINYLAETAMIDE COPOLYMER/CN
E10	1	SODIUM VINYLSULFONATE-N-VINYLAMINE COPOLYMER/CN
E11	1	SODIUM VINYLSULFONATE-N-VINYLFORAMIDE COPOLYMER/CN
E12	1	SODIUM VINYLSULFONATE-N-VINYLPYRROLIDINONE COPOLYMER/CN

=> e3

L12 1 "SODIUM VINYLSULFONATE"/CN

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	10.84	68.23
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-3.75

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FILE COVERS 1907 - 4 Oct 2006 VOL 145 ISS 15

FILE LAST UPDATED: 2 Oct 2006 (20061002/ED)

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=> 111/prep

248 L11
3536055 PREP/RL
L13 21 L11/PREP
(L11 (L) PREP/RL)

=> 112/prep

293 L12
3536055 PREP/RL
L14 47 L12/PREP
(L12 (L) PREP/RL)

=> 113 or 114

L15 67 L13 OR L14

=> d his

(FILE 'HOME' ENTERED AT 06:40:25 ON 04 OCT 2006)

FILE 'CAPLUS' ENTERED AT 06:40:39 ON 04 OCT 2006

L1 82577 ASCORBIC
L2 1867084 INHIBIT?
L3 9397 L1(L)L2
L4 465366 ACRYL?
L5 28 L3(L)L4
L6 0 49011820

FILE 'REGISTRY' ENTERED AT 07:05:11 ON 04 OCT 2006
E ASCORBIC ACID/CN

L7 2 E3

FILE 'CAPLUS' ENTERED AT 07:05:37 ON 04 OCT 2006

L8 80465 L7
L9 3227 L2(L)L8
L10 9 L9(L)L4

FILE 'REGISTRY' ENTERED AT 07:40:58 ON 04 OCT 2006
E POTASSIUM METHACRYLATE/CN

L11 1 E3
E SODIUM VINYLSULFONATE/CN
L12 1 E3

FILE 'CAPLUS' ENTERED AT 07:42:33 ON 04 OCT 2006

L13 21 L11/PREP
L14 47 L12/PREP
L15 67 L13 OR L14

=> water soluble

2429940 WATER
259842 WATERS
2486184 WATER
(WATER OR WATERS)
90949 SOLUBLE
2290 SOLUBLES
93114 SOLUBLE
(SOLUBLE OR SOLUBLES)
627733 SOL

17075 SOLS
 634608 SOL
 (SOL OR SOLS)
 660857 SOLUBLE
 (SOLUBLE OR SOL)
 L16 146060 WATER SOLUBLE
 (WATER(W) SOLUBLE)

=> 12(1)116
 L17 8651 L2(L)L16

=> 1115 and 117
 2 LL15
 L18 0 LL15 AND L17

=> 115 and 117
 L19 1 L15 AND L17

=> d 119 ti fbib abs

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Manufacture of metal salts of radical polymerizable compounds with low water content
 AN 2003:673833 CAPLUS
 DN 139:197909
 TI Manufacture of metal salts of radical polymerizable compounds with low water content
 IN Wakita, Keiji
 PA Dow Corning Toray Silicone Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003238478	A2	20030827	JP 2002-40904	20020219
	WO 2003070681	A1	20030828	WO 2003-JP1820	20030219
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				JP 2002-40904	A 20020219
AU	2003207095	A1	20030909	AU 2003-207095	20030219
				JP 2002-40904	A 20020219
				WO 2003-JP1820	W 20030219
EP	1477470	A1	20041117	EP 2003-703349	20030219
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				JP 2002-40904	A 20020219
				WO 2003-JP1820	W 20030219
US	2005119498	A1	20050602	US 2003-501118	20030219
				JP 2002-40904	A 20020219
				WO 2003-JP1820	W 20030219
CN	1633406	A	20050629	CN 2003-804096	20030219
				JP 2002-40904	A 20020219
				WO 2003-JP1820	W 20030219

OS MARPAT 139:197909

AB The process comprises heating aqueous alkaline metal salts, alkaline earth metal salts

or zinc salts of (meth)acrylic acids or their sulfonic acid analogs in the presence of water soluble polymerization inhibitor under reduced pressure to reduce water content. Stirring methacrylic acid 284, water 250, and L-ascorbic acid 0.5 g with 48% aqueous KOH and distilling

at

60° and 20 mmHg gave 98% K methacrylate with water content ≤0.1%.

=> ?hydroxybenzoic

L20 22844 ?HYDROXYBENZOIC

=> ?hydroxyaniline or ascorbic or ascorbate or erythorbic or erythorbate or ?hydroxylamine

1634 ?HYDROXYANILINE

8 ASCOBIC

34521 ASCORBATE

621 ASCORBATES

34740 ASCORBATE

(ASCORBATE OR ASCORBATES)

920 ERYTHORBIC

790 ERYTHORBATE

21 ERYTHORBATES

797 ERYTHORBATE

(ERYTHORBATE OR ERYTHORBATES)

38381 ?HYDROXYLAMINE

L21 75598 ?HYDROXYANILINE OR ASCOBIC OR ASCORBATE OR ERYTHORBIC OR ERYTHORBATE OR ?HYDROXYLAMINE

=> 120 or 121

L22 98141 L20 OR L21

=> 115 and 122

L23 3 L15 AND L22

=> d 123 1-3 ti fbib abs

L23 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of metal salts of radical polymerizable compounds with low water content

AN 2003:673833 CAPLUS

DN 139:197909

TI Manufacture of metal salts of radical polymerizable compounds with low water content

IN Wakita, Keiji

PA Dow Corning Toray Silicone Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003238478	A2	20030827	JP 2002-40904	20020219
	WO 2003070681	A1	20030828	WO 2003-JP1820	20030219
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,				

UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003207095	A1	20030909	JP 2002-40904	A	20020219
			AU 2003-207095		20030219
			JP 2002-40904	A	20020219
			WO 2003-JP1820	W	20030219
EP 1477470	A1	20041117	EP 2003-703349		20030219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			JP 2002-40904	A	20020219
			WO 2003-JP1820	W	20030219
US 2005119498	A1	20050602	US 2003-501118		20030219
			JP 2002-40904	A	20020219
			WO 2003-JP1820	W	20030219
CN 1633406	A	20050629	CN 2003-804096		20030219
			JP 2002-40904	A	20020219
			WO 2003-JP1820	W	20030219

OS MARPAT 139:197909

AB The process comprises heating aqueous alkaline metal salts, alkaline earth metal salts

or zinc salts of (meth)acrylic acids or their sulfonic acid analogs in the presence of water soluble polymerization inhibitor under reduced pressure to reduce

water content. Stirring methacrylic acid 284, water 250, and L-ascorbic acid 0.5 g with 48% aqueous KOH and distilling at 60° and 20 mmHg gave 98% K methacrylate with water content ≤0.1%.

L23 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Influence of electrode pretreatment, counter anions and additives on the electropolymerization of pyrrole in aqueous solutions

AN 1995:1005625 CAPLUS

DN 124:56808

TI Influence of electrode pretreatment, counter anions and additives on the electropolymerization of pyrrole in aqueous solutions

AU Kupila, Eeva-Liisa; Kankare, Jouko

CS Department of Chemistry, University of Turku, Turku, FIN-20500, Finland

SO Synthetic Metals (1995), 74(3), 241-9

CODEN: SYMEDZ; ISSN: 0379-6779

PB Elsevier

DT Journal

LA English

AB The effect of pretreatment of the working electrode with 4-aminothiophenol, decanethiol, allyl alc. and cysteamine is studied. The pretreatment enhances in some cases the early stages of polymerization, but the beneficial effects are small. Polymers synthesized in the presence of surfactants or organic dopants are superior to those polymerized in the presence

of small inorg. anions. Additives such as 3- and 4-nitrophenol have minor effects on the polymerization of pyrrole, but 2,4,6-trinitrophenol improves significantly the quality of the polymers.

L23 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Reversible crosslinking by complex formation. Polymers containing 2-hydroxybenzoic acid residues

AN 1977:17245 CAPLUS

DN 86:17245

TI Reversible crosslinking by complex formation. Polymers containing 2-hydroxybenzoic acid residues

AU Braun, Dietrich; Boudevska, Hrisanta

CS Deutsches Kunststoff Inst., Darmstadt, Fed. Rep. Ger.

SO European Polymer Journal (1976), 12(8), 525-8
CODEN: EUPJAG; ISSN: 0014-3057
DT Journal
LA English
AB Poly(3-carboxy-4-hydroxybenzyl methacrylate) (I) [61224-60-0] prepared by radical polymerization of the reaction product of 5-chloromethyl-salicylic acid [10192-87-7] and CH₂:CMeCO₂K [6900-35-2], and formaldehyde-salicylic acid copolymer (II) [26984-25-8] were crosslinked in solution by addition of Fe³⁺ ions. The crosslinks in II-Fe³⁺ complex and I-Fe³⁺ complex were destroyed by complexing the Fe³⁺ with EDTA.

=> (?acrylate or ?vinylsulfonate) salt
MISSING OPERATOR ULFONATE) SALT
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> ?acrylate salt
366189 ?ACRYLATE
777247 SALT
601212 SALTS
1156816 SALT
(SALT OR SALTS)
L24 1008 ?ACRYLATE SALT
(?ACRYLATE(W) SALT)

=> ?vinylsulfonate salt
871 ?VINYLSULFONATE
777247 SALT
601212 SALTS
1156816 SALT
(SALT OR SALTS)
L25 15 ?VINYLSULFONATE SALT
(?VINYLSULFONATE(W) SALT)

=> 124 or 125
L26 1022 L24 OR L25

=> 116 and 126
L27 147 L16 AND L26

=> d his

(FILE 'HOME' ENTERED AT 06:40:25 ON 04 OCT 2006)

FILE 'CAPLUS' ENTERED AT 06:40:39 ON 04 OCT 2006

L1 82577 ASCORBIC
L2 1867084 INHIBIT?
L3 9397 L1(L)L2
L4 465366 ACRYL?
L5 28 L3(L)L4
L6 0 49011820

FILE 'REGISTRY' ENTERED AT 07:05:11 ON 04 OCT 2006
E ASCORBIC ACID/CN

L7 2 E3

FILE 'CAPLUS' ENTERED AT 07:05:37 ON 04 OCT 2006

L8 80465 L7
L9 3227 L2(L)L8
L10 9 L9(L)L4

FILE 'REGISTRY' ENTERED AT 07:40:58 ON 04 OCT 2006

L11 E POTASSIUM METHACRYLATE/CN
1 E3
L12 E SODIUM VINYLSULFONATE/CN
1 E3

FILE 'CAPLUS' ENTERED AT 07:42:33 ON 04 OCT 2006

L13 21 L11/PREP
L14 47 L12/PREP
L15 67 L13 OR L14
L16 146060 WATER SOLUBLE
L17 8651 L2(L)L16
L18 0 LL15 AND L17
L19 1 L15 AND L17
L20 22844 ?HYDROXYBENZOIC
L21 75598 ?HYDROXYANILINE OR ASCOBIC OR ASCORBATE OR ERYTHORBIC OR ERYTHO
L22 98141 L20 OR L21
L23 3 L15 AND L22
L24 1008 ?ACRYLATE SALT
L25 15 ?VINYLSULFONATE SALT
L26 1022 L24 OR L25
L27 147 L16 AND L26

=> polymeriz?

379402 POLYMERIZ?
86888 POLYMD
86888 POLYMD
(POLYMD)
32832 POLYMG
339884 POLYMN
8911 POLYMNS
341048 POLYMN
(POLYMN OR POLYMNS)
L28 541463 POLYMERIZ?
(POLYMERIZ? OR POLYMD OR POLYMG OR POLYMN)

=> 12(1)128

L29 23000 L2(L)L28

=> 127 and 129

L30 1 L27 AND L29

=> d nl;30

'NL' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
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BIB ----- AN, plus Bibliographic Data and PI table (default)
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CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;

SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)

STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels

IALL ----- ALL, indented with text labels

IBIB ----- BIB, indented with text labels

IMAX ----- MAX, indented with text labels

ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms

HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms

HITRN ----- HIT RN and its text modification

HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram

HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields

FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram

FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields

KWIC ----- Hit term plus 20 words on either side

OCC ----- Number of occurrence of hit term and field in which it occurs

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an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST;
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to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):end

L31 1864387 30

=> d 130

L30 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:819093 CAPLUS

DN 132:51499

TI Isotropic liquid detergent containing chain-terminated carboxy-functional
polymers

IN Cooke, Winborn C., Jr.; Rodrigues, Klein A.

PA National Starch and Chemical Investment Holding Corporation, USA

SO Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 967266	A1	19991229	EP 1999-111377	19990610

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO

US 6462013	B1	20021008	US 1999-262566	19990304
AU 9932324	A1	20000113	AU 1999-32324	19990528
CA 2276383	AA	19991226	CA 1999-2276383	19990623
JP 2000026900	A2	20000125	JP 1999-178180	19990624
PRAI US 1998-105577	A	19980626		
US 1999-262566	A	19990304		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	58.70	126.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.00	-6.75

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PASSWORD:

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 FILE 'CAPLUS' ENTERED AT 08:21:11 ON 04 OCT 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	58.70	126.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.00	-6.75

=> d his

(FILE 'HOME' ENTERED AT 06:40:25 ON 04 OCT 2006)

FILE 'CAPLUS' ENTERED AT 06:40:39 ON 04 OCT 2006

L1 82577 ASCORBIC
 L2 1867084 INHIBIT?
 L3 9397 L1(L)L2
 L4 465366 ACRYL?
 L5 28 L3(L)L4
 L6 0 49011820

FILE 'REGISTRY' ENTERED AT 07:05:11 ON 04 OCT 2006
 E ASCORBIC ACID/CN

L7 2 E3

FILE 'CAPLUS' ENTERED AT 07:05:37 ON 04 OCT 2006

L8 80465 L7
L9 3227 L2(L)L8
L10 9 L9(L)L4

FILE 'REGISTRY' ENTERED AT 07:40:58 ON 04 OCT 2006

E POTASSIUM METHACRYLATE/CN
L11 1 E3
E SODIUM VINYL SULFONATE/CN
L12 1 E3

FILE 'CAPLUS' ENTERED AT 07:42:33 ON 04 OCT 2006

L13 21 L11/PREP
L14 47 L12/PREP
L15 67 L13 OR L14
L16 146060 WATER SOLUBLE
L17 8651 L2(L)L16
L18 0 LL15 AND L17
L19 1 L15 AND L17
L20 22844 ?HYDROXYBENZOIC
L21 75598 ?HYDROXYANILINE OR ASCOBIC OR ASCORBATE OR ERYTHORBIC OR ERYTHO
L22 98141 L20 OR L21
L23 3 L15 AND L22
L24 1008 ?ACRYLATE SALT
L25 15 ?VINYL SULFONATE SALT
L26 1022 L24 OR L25
L27 147 L16 AND L26
L28 541463 POLYMERIZ?
L29 23000 L2(L)L28
L30 1 L27 AND L29
L31 1864387 30

=> hydroxylamine

31890 HYDROXYLAMINE
2886 HYDROXYLAMINES
L32 33028 HYDROXYLAMINE
(HYDROXYLAMINE OR HYDROXYLAMINES)

=> l32 and l15

L33 0 L32 AND L15

=> (potassium acrylate) or (sodium acrylate)

603139 POTASSIUM
16 POTASSIUMS
603141 POTASSIUM
(POTASSIUM OR POTASSIUMS)
183079 ACRYLATE
35805 ACRYLATES
192938 ACRYLATE
(ACRYLATE OR ACRYLATES)
434 POTASSIUM ACRYLATE
(POTASSIUM(W) ACRYLATE)
1062861 SODIUM
36 SODIUMS
1062870 SODIUM
(SODIUM OR SODIUMS)
183079 ACRYLATE
35805 ACRYLATES
192938 ACRYLATE
(ACRYLATE OR ACRYLATES)
5313 SODIUM ACRYLATE
(SODIUM(W) ACRYLATE)
L34 5605 (POTASSIUM ACRYLATE) OR (SODIUM ACRYLATE)

=> 121 or 132

L35 76450 L21 OR L32

=> 134 and 135

L36 26 L34 AND L35

=> d 136 16-26 ti

L36 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Method of making hydroxamated water-soluble high mol. weight polymers comprising (meth)acrylic acid and (meth)acrylate for use as flocculants in the Bayer process for the recovery of alumina

L36 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Highly water-absorbent resin and absorbents

L36 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Porous cement products, their manufacture, and the architectural boards obtained

L36 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI water-absorbing resin and process for its production

L36 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Improved redox catalysts for vinyl polymerization and curing of water-soluble soil stabilizers

L36 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preservation of produce by gels containing preservatives

L36 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of water-absorbent polymers

L36 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of water-absorbent resins

L36 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of water-absorbent polymers with good productivity and processability

L36 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Soil strengthening agents

L36 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI. Drying acrylamide polymers

=> d 136 1-15 ti

L36 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Method for manufacture of water-absorbing acrylic polymer-fiber composites with decreased residual monomer content

L36 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Redox polymerization method, water-absorbing resin composite and absorbent article

L36 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Removal of polymer encapsulant for rework of electronic modules

L36 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

TI Water-absorbing resin compositions with good discoloration resistance

L36 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Water-absorbing resin compositions with good discoloration resistance and articles thereof

L36 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Waste reduction in production of leather

L36 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Transcatheter embolization using degradable crosslinked hydrogels

L36 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Polymerized hydrogels comprising low amounts of residual monomers and by-products

L36 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Polymerized hydrogels comprising low amounts of residual monomers and by-products

L36 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Manufacture of counterfeit preventers for meat seal marks and identification method therewith

L36 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Waste edible oil treatment agents

L36 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Production of hydrophilic polymer hydrogel with low residual monomer and water-absorbent resins therefrom by controlled drying

L36 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Polymeric nitrones. Part 1. Synthesis and modification of polymeric nitrones derived from polymerizable aldehydes

L36 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Manufacture of water-absorbing resins

L36 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Water-absorbing polymers with excellent absorption of alkaline aqueous solutions

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
82.09	150.32

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.00	-6.75

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FULL ESTIMATED COST	ENTRY	SESSION
	82.09	150.32
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	-3.00	-6.75

=> s JP 47031924/PN
L37 2 JP 47031924/PN
(JP47031924/PN)

=> d iall

L37 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1973:160304 CAPLUS
DOCUMENT NUMBER: 78:160304
ENTRY DATE: Entered STN: 12 May 1984
TITLE: Crystalline powder of sodium acrylate and methacrylate
INVENTOR(S): Ito, Hiroo; Morita, Migiho; Kato, Yashushi; Kimura,
Kaoru; Suzuki, Kunihiro; Fujikura, Saburo; Suzuki,
Sako; Inakuma, Yasutada
PATENT ASSIGNEE(S): Toa Gosei Chemical Industry Co., Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
US PATENT CLASSIF.: 16B631.11
CLASSIFICATION: 35-2 (Synthetic High Polymers)
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 47031924	B4	19721114	JP 1971-20713	19710406 <--

PATENT CLASSIFICATION CODES:

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 47031924	INCL	16B631.11

ABSTRACT:

The crystalline powder of Na acrylate (I) [7446-81-3] or Na methacrylate [5536-61-8] was prepared without polymer formation by spray drying an aqueous solution of the monomer at 80-120.deg.. Thus, an aqueous solution of 30 weight% I and 0.0015 weight% hydroquinone Me ether was spray-dried (3 kg/hr) with 120 m3/hr hot air at 150.deg. to give I crystalline. powder of 99.31% purity.

SUPPL. TERM: sodium acrylate cryst powder; methacrylate sodium cryst powder
INDEX TERM: 150-76-5
ROLE: USES (Uses)
(in sodium acrylate manufacture)
INDEX TERM: 5536-61-8P 7446-81-3P
ROLE: PREP (Preparation)
(powder, manufacture of)

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0 LOGOFFM
39643 HOLD
26797 HOLDS
65430 HOLD
(HOLD OR HOLDS)
L38 0 LOGOFFM HOLD
(LOGOFFM(W) HOLD)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	95.61	163.84
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.75	-7.50

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NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 11	CA/CAplus enhanced with more pre-1907 records
NEWS 7	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 8	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 13	OCT 19	E-mail format enhanced
NEWS 14	OCT 23	Option to turn off MARPAT highlighting enhancements available
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NEWS 17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 18	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS EXPRESS	JUNE 30	CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),